## **ABSTRACT**

A system and method for monitoring an application is provided. The system comprises a first module operable to read application values stored in a memory area by the application, a second module in communication with the first module and operable to request the first module to read the application values, the second module further operable to receive the application values from the first module, and a third module in communication with the second module, the third module operable to display the application values. A system for non-intrusively monitoring variables during operation of an application is also provided.